Patent Claims

1. Fill-level measuring device for measuring a fill-level of a fill substance (3) in a container (5), comprising
- a measuring unit (7), which serves to produce a measurement signal (M) dependent on fill level (1),
- a memory (19), in which parameter sets for different applications are stored, and
- an evaluating unit (17), which serves
-- to select a parameter set, and
-- on the basis of the selected parameter set, to derive the fill level (1) from the measurement signal (M), and to make the derived fill level available for further processing, evaluation and/or display.

2. Fill-level measuring device as claimed in claim 1, in combination with an on-site interface (21), via which an operator can input, which parameter set is to be selected.

3. Fill-level measuring device as claimed in claim 1, in combination with a communication interface, via which can be input, which parameter set is to be selected.

4. Method for fill-level measurement using a fill-level measuring device as claimed in claim 1, wherein
- the measuring unit (7) transmits send-signals and receives their echo-signals (E), and
- the evaluating unit (17) determines the fill level (1) by
-- examining the echo signals (E) for distinctive structures,
-- selecting a parameter set on the basis of the structures, and
-- determining the fill level (1) by means of the selected parameter set.

5. Arrangement for fill-level measurement using a fill-level measuring device as claimed in claim 1, wherein
- an apparatus for identifying a present application is provided, and
- a connection (31) between the apparatus and the evaluating unit (17) exists, via which identifications of the apparatus are available to the evaluating unit (17).

6. Method for fill-level measurement using a fill-level measuring device as claimed in claim 1, wherein the evaluating unit (17) recognizes, on the basis of the measurement signals (M), events which make a changing of the parameter set necessary.

7. Method as claimed in one of the claims 4 or 6, wherein the identification of which application is present is output for plausibility review or as input for other devices.